

Rejection

To explore the clinical effects of pedicled omental [flap transplantation](#) in repairing secondary [rejection wounds](#) after brain [pacemaker](#) implantation.

A [retrospective observational study](#) was conducted. From January to August 2021, 5 patients with secondary rejection wounds after [deep brain stimulation implantation](#) who met the [inclusion criteria](#) were admitted to the Wound Repair Center of Ruijin Hospital of Shanghai Jiao Tong University School of Medicine, including 3 males and 2 females, aged 56-69 years, with the [wound](#) developed at the [pulse generator implantation](#) site in the [chest](#) in 2 cases, at the [connection](#) site of the [wire](#) and [electrode](#) behind the ear in 2 cases, and at both the chest and the back of the ear in 1 case. All the [wounds](#) were repaired by pedicled [omental flap transplantation](#). The wound area after debridement was 2-15 cm². After the operation, [wound healing](#) and related complications (pain, infection, incisional hernia, omental flap [necrosis](#), etc.) were observed. During follow-up, the recurrence of the wound was observed. The wounds of all 5 patients healed within 2 weeks after the operation, without related complications. During follow-up of 12-18 months, 1 patient got a recurrence of rejection wound behind the left ear 4 months after surgery and eventually had the brain pacemaker removed; the other 4 patients had no recurrence of wounds. Pedicled omental flap transplantation can repair the secondary rejection wounds after brain pacemaker implantation safely and effectively, with few postoperative complications ¹⁾.

¹⁾

Guan HN, Ma X, Liu YK, Niu YW, Sun BM, Tang JJ, Lu SL. [Clinical effects of pedicled omental [flap](#) transplantation in repairing secondary rejection wounds after brain pacemaker implantation]. Zhonghua Shao Shang Za Zhi. 2023 Sep 20;39(9):882-885. Chinese. doi: 10.3760/cma.j.cn501225-20220907-00396. PMID: 37805805.

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